

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 April 2004 (29.04.2004)

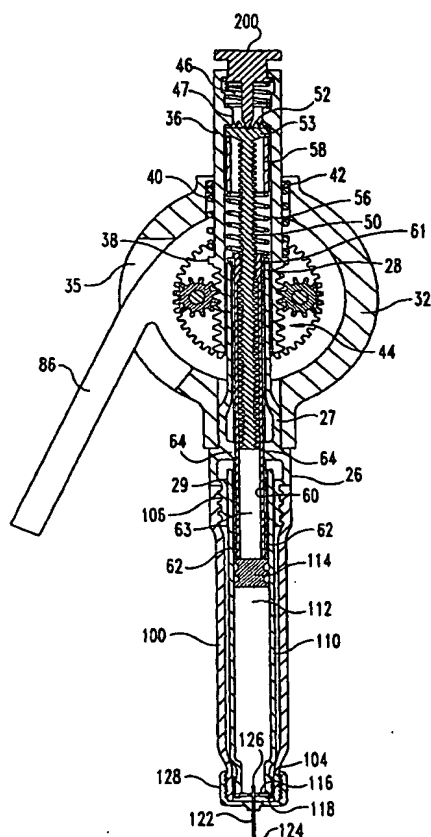
PCT

(10) International Publication Number
WO 2004/035113 A3

- (51) International Patent Classification⁷: A61M 5/315, 5/24
- (21) International Application Number: PCT/US2003/028565
- (22) International Filing Date: 8 October 2003 (08.10.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/419,059 15 October 2002 (15.10.2002) US
- (71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): JUDSON, Jared,
- (74) Agents: PREIN, Edward, J. et al.; Eli Lilly and Company, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: MEDICATION DISPENSING APPARATUS WITH SQUEEZABLE ACTUATOR



(57) Abstract: A medication dispensing apparatus having an actuator that is laterally squeezable to dispense medication. The apparatus includes a supply of medication that is dispensed when a piston is advanced by a drive member. A dose to be dispensed is selectively set by operation of a dosing member, which operation causes the actuator to shift in a direction transverse to the direction the piston is advanced to dispense medication. The actuator shifts in this traverse direction from a ready position a distance that is a function of the selectively set dose. When the actuator is squeezed back to its ready position, the drive member is shifted to advance the piston to dispense the medication.

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Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
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SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:

3 June 2004

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/28565

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M5/315 A61M5/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 051 172 A (CH BRUCHHAUS PAUL) 28 August 1962 (1962-08-28) column 5, line 62 - column 6, line 28 figures 6,7,7A	1
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A	WO 01/95959 A (NOVO NORDISK AS) 20 December 2001 (2001-12-20) page 5, line 5 - line 13 page 6, line 12 - line 24 figures 1,2	4,8,10, 11
A	---	4
A	US 1 718 596 A (SMITH ARTHUR E) 25 June 1929 (1929-06-25) page 1, right-hand column, line 104 - line 107 figures 3,5	

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *G* document member of the same patent family

Date of the actual completion of the international search

8 April 2004

Date of mailing of the international search report

19/04/2004

Name and mailing address of the ISA
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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/28565

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 554 996 A (BECTON DICKINSON CO) 11 August 1993 (1993-08-11) column 8, line 39 - line 42 figure 9</p> <p>-----</p>	12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/28565

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(74) Agents: **PREIN, Edward, J.** et al.; Eli Lilly and Company, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

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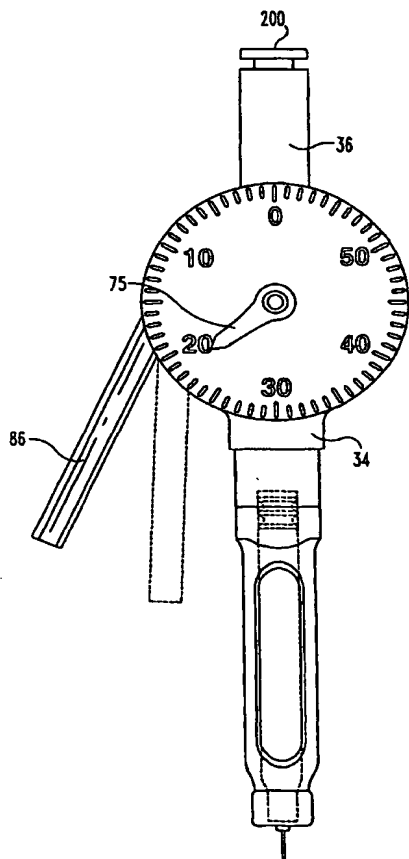
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[Continued on next page]

(54) Title: **MEDICATION DISPENSING APPARATUS WITH SQUEEZABLE ACTUATOR**



(57) Abstract: ABSTRACT OF THE DISCLOSURE medication dispensing apparatus having an actuator that is laterally squeezable to dispense medication. The apparatus includes a supply of medication that is dispensed when a piston is advanced by a drive member. A dose to be dispensed is selectively set by operation of a dosing member, which operation causes the actuator to shift in a direction transverse to the direction the piston is advanced to dispense medication. The actuator shifts in this traverse direction from a ready position a distance that is a function of the selectively set dose. When the actuator is squeezed back to its ready position, the drive member is shifted to advance the piston to dispense the medication.



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Published:

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